



**ASSURANCE OF OPERATIONAL SAFETY,
SUITABILITY, AND EFFECTIVENESS**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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OPR: OO-ALC/TIEH (Mr Dave Robertson)

Certified by: OO-ALC/TI (Col Charlotte Rea-Dix)

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This supplement applies to all OO-ALC managed US Air Force systems and end items, including those operated by the Air National Guard and US Air Force Reserve as well as to systems and end items procured, operated, and/or maintained by the US Air Force for other government agencies.

AFMCI 63-1201, 5 April 2000, is supplemented as follows:

1. OO-ALC Business Area Plans in support of AFMC Business Areas will address implementation requirements (resources, training, tools, etc.) for assurance of OSS&E for OO-ALC assigned systems and end items.

3.1.1. The OO-ALC/CC will be responsible and accountable to AFMC/CC for the assurance of OSS&E for all OO-ALC assigned systems and end items.

3.1.2. The Single Manager (SM) will be responsible and accountable to the OO-ALC/CC for the assurance of OSS&E for their assigned systems and end items.

3.1.3. It is the responsibility of the SM or System Support Manager (SSM) to appoint a qualified and competent Chief Engineer/Lead Engineer (CE/LE).

3.1.4. The OO-ALC Senior Technical Advisor (STA) will chair the OO-ALC OSS&E Engineering Round Table (ERT). The OSS&E ERT shall be established to discuss, coordinate, and recommend, as appropriate, positions reflecting the interests and concerns of the OO-ALC technical community on policy issues. This will include OSS&E, certification of systems and end items, and other topics affecting the center technical community. The OSS&E ERT will provide a forum to share lessons learned and inform senior management of technical and engineering status of OO-ALC systems and end items. The OSS&E ERT will coordinate center OSS&E activities for consistency of application (this coordination shall not take precedence over or in any way replace the SM's responsibility and authority for the OSS&E

of assigned systems). In addition to the OO-ALC STA, the OSS&E ERT membership will consist of the center's CE/LEs, OO-ALC/TIE, and the OO-ALC System Safety Manager (OO-ALC/SES).

3.1.5. The SM will develop, define, and document policies and procedures in the form of an OSS&E Assurance plan for their assigned systems and end items which implements the OSS&E process IAW AFI 63-1201, *Assurance of Operational Safety, Suitability and Effectiveness*. In addition, in coordination with the user, the SM will develop, update, and maintain the OSS&E baselines for their assigned systems and end items. Each SM will document their OSS&E policies and procedures and maintain the documentation in a form available for review by appropriate authorities if requested. In most cases, this will not require development of entirely new systems or procedures. Elements of OSS&E already being satisfied by existing systems or procedures will only need to have documentation that references the existing system/procedure noting the guidance documents and/or system identifiers and a brief explanation of how the system/procedure operates to satisfy the mandatory OSS&E process elements. Detailed descriptions of each element may be found in *AFI 63-1201*.

3.1.6. These items will be presented by the SM during the AFMC/CC Commander's Operational Readiness Review (CORR).

3.1.8. These tasks are the responsibility of OO-ALC/XP.

3.1.9. These tasks are the responsibility of OO-ALC/SE and the SM safety staffs.

3.1.10. (Added) The SM will be the responsible authority for approving all configuration and maintenance changes and modifications to their assigned systems and end items.

3.1.11. (Added) The SSM will establish and define OSS&E relationships with the SMs of assigned systems and end items.

3.3.1. The OO-ALC/CC will provide each SM and (SSM) adequate resources within constraints of resources allocated to the center to assure OSS&E of their assigned systems or end items.

3.10.2. The CE/LE will be responsible for development of appropriate agreements, to include Service Level Agreements (SLA), with supported or supporting organizations to maintain OSS&E of systems and end items. Such agreements may be in a format agreed to by each party but must be written and current copies maintained for reference by each signatory to the agreement.

3.10.9. (Added) Be the primary SM representative to the OO-ALC ERT.

3.10.10. (Added) Identify requirements for the information systems necessary to evaluate the health of fielded systems and end items. Provide the information system requirements to HQ-AFMC/DR.

Attachment 1***Terms***

(Added) Assurance Plan—A plan that documents how the SM is to establish and preserve OSS&E for their assigned systems and end items.

(Added) OSS&E Engineering Round Table (OSS&E ERT)—The OSS&E ERT shall be established to discuss, coordinate, and recommend as appropriate, positions reflecting the interests and concerns of the OO-ALC technical community on policy issues.

(Added) Senior Technical Advisor (STA)—The OO-ALC STA is the senior advisor to the center commander on OSS&E. The STA provides guidance as necessary and coordinates efforts of all center chief and lead engineers in maintaining OSS&E certification. The STA will chair the OSS&E ERT and ensure the center commander and senior staff is informed of OSS&E issues.

(Added) Service Level Agreement (SLA)—An agreement between the SM and supported or supporting organizations which identifies what authority has been delegated among the participants.

(Added) Single Manager (SM)—The single individual specifically designated, under the integrated weapon system management architecture, to be responsible for the life cycle management of a system or end item. SMs are responsible to their customers for all aspects of the planning, development, sustainment, and evolution of the products they acquire and support. SMs serve as the single face-to-the-customer for their respective systems or products.

(Added) System Support Manager (SSM)—The lead individual at an AFMC organization (e.g., ALC) when an SM located at another center delegates sustainment responsibility for the system/product to the supporting organization.

SCOTT C. BERGREN, Maj Gen, USAF
Commander, Ogden Air Logistics Center